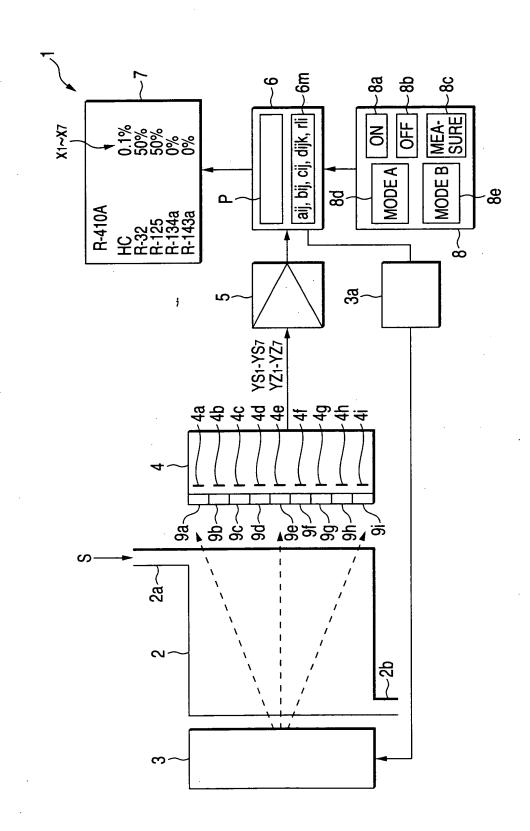
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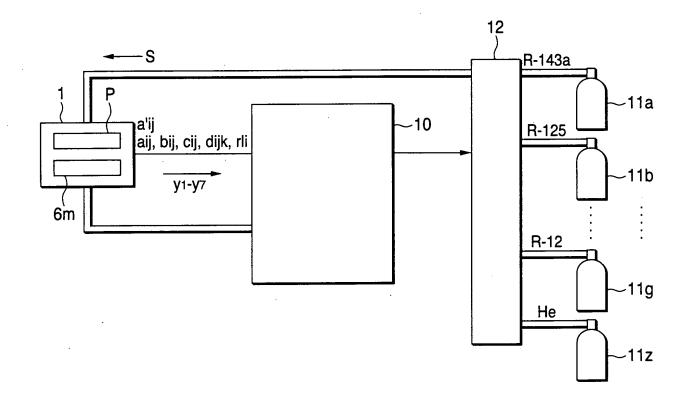
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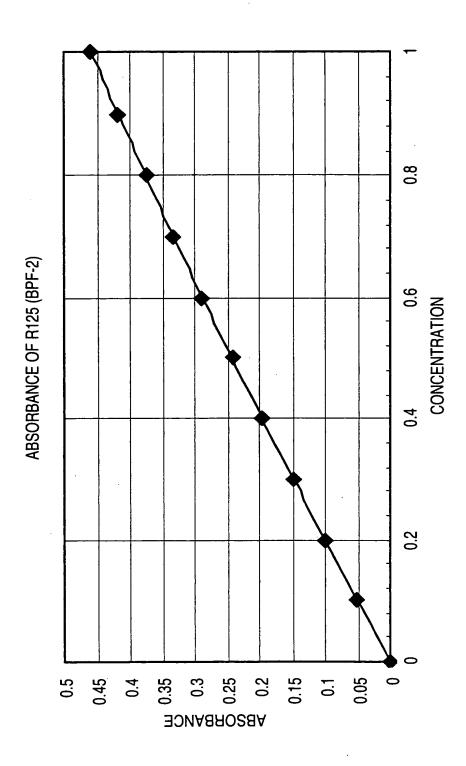


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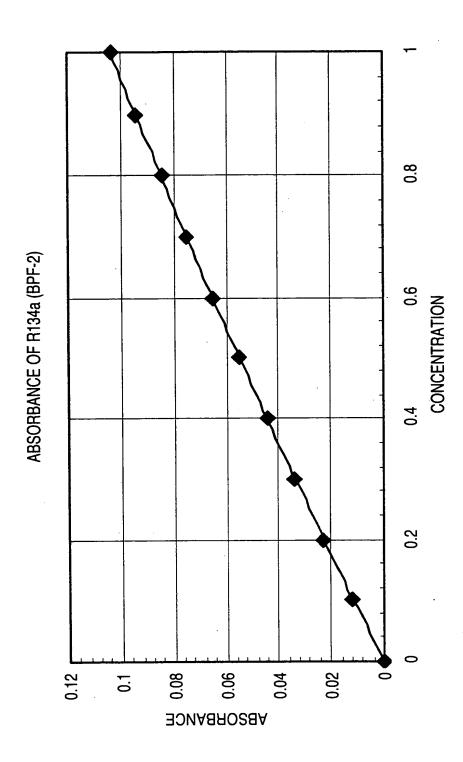
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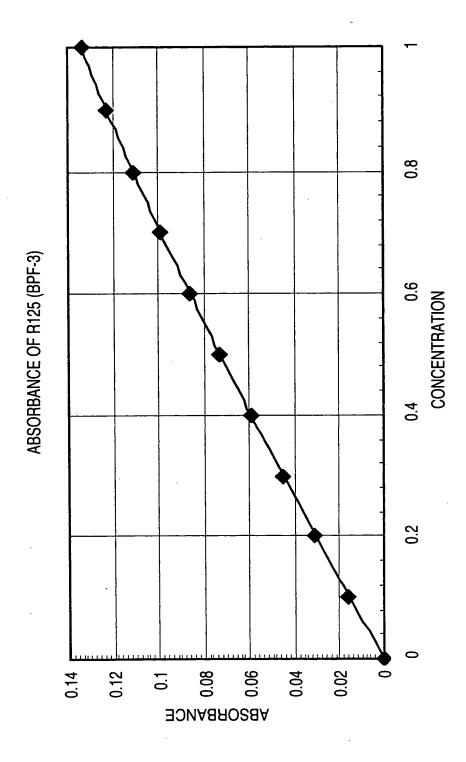
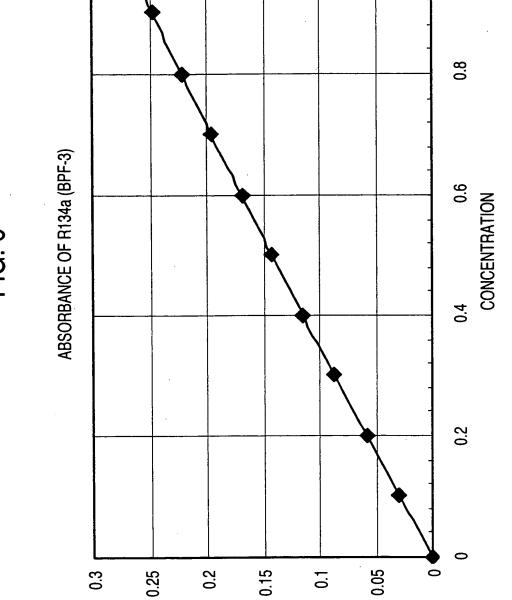


FIG. 5





VBSORBANCE

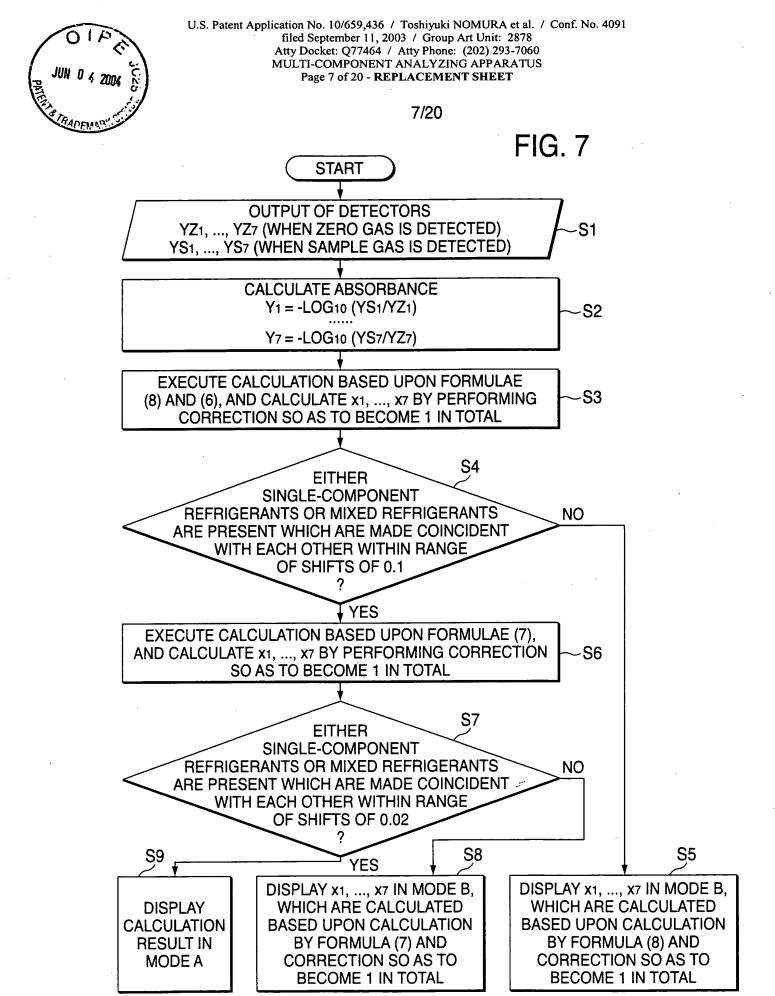
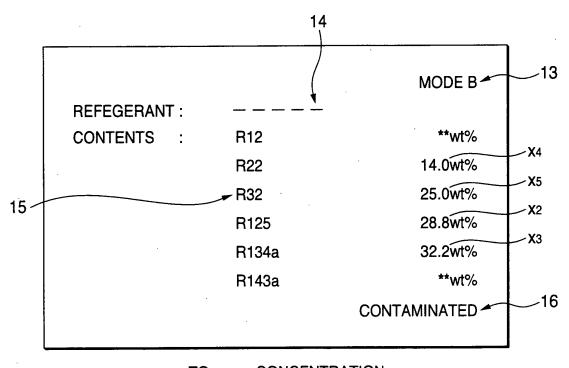




FIG. 8



x2 TO x5 · · · CONCENTRATION

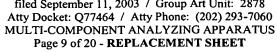
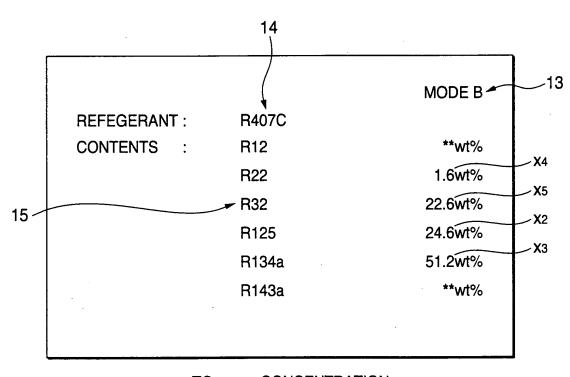


FIG. 9

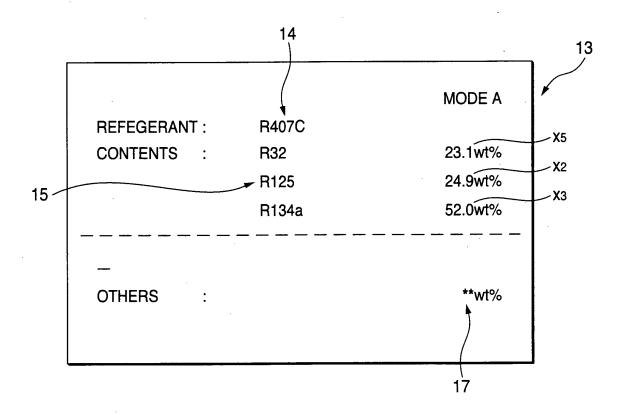


x2 TO x5 · · · CONCENTRATION



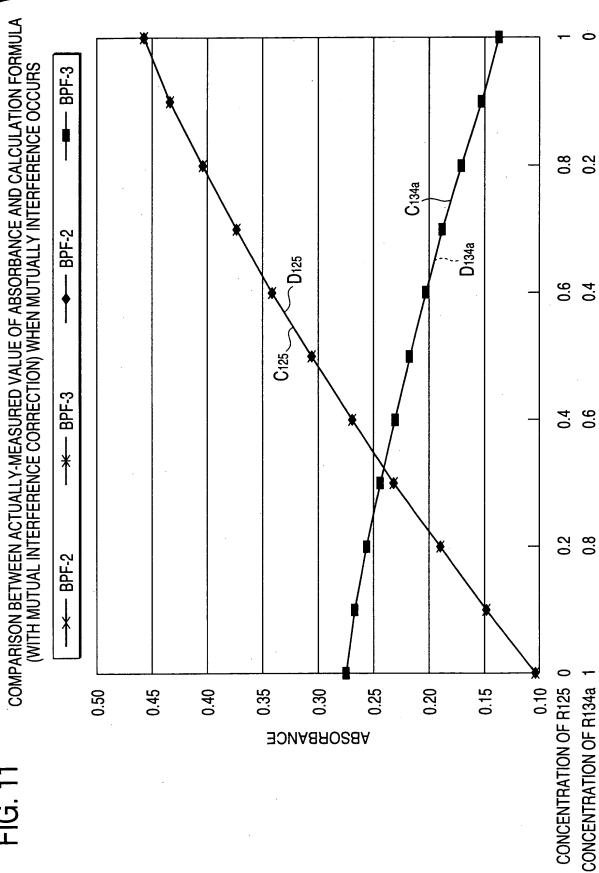
U.S. Patent Application No. 10/659,436 / Toshiyuki NOMURA et al. / Conf. No. 4091 filed September 11, 2003 / Group Art Unit: 2878
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FIG. 10



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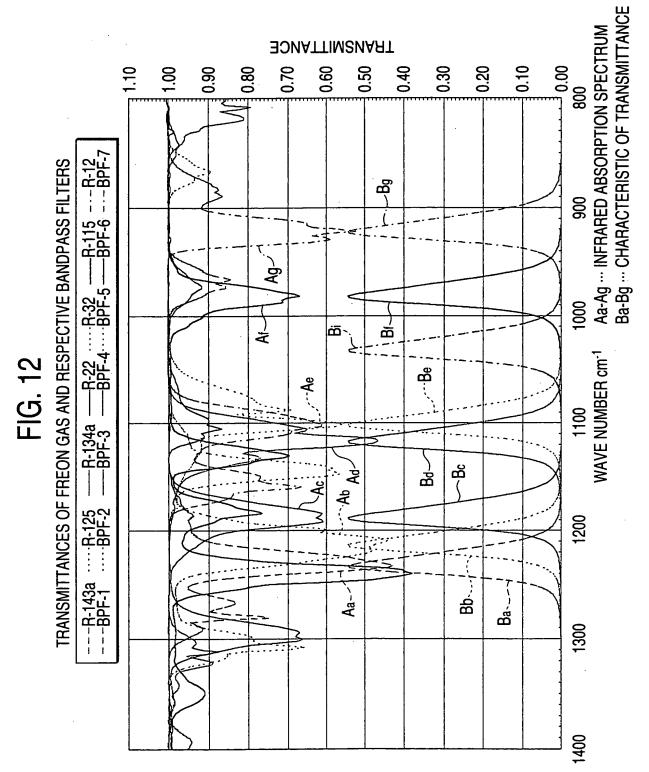




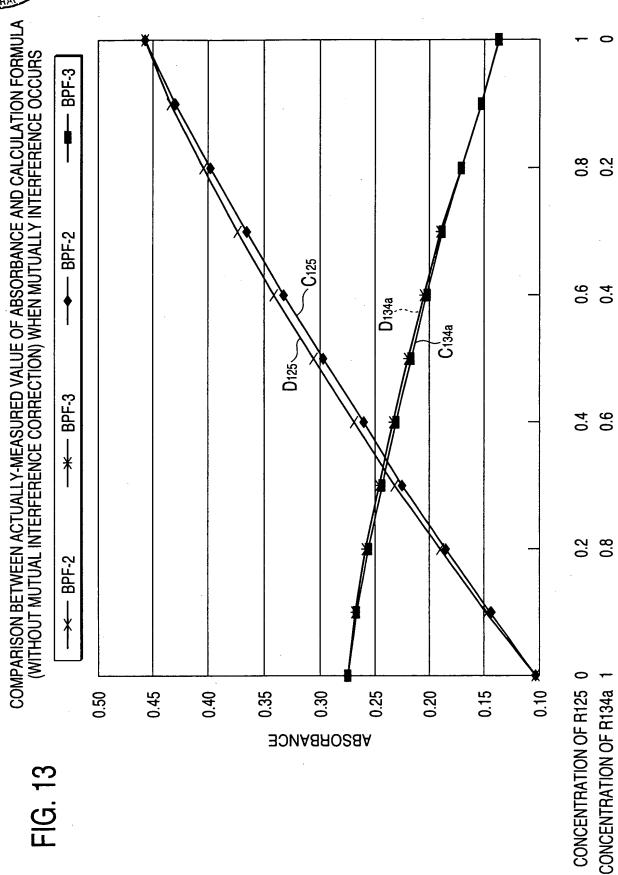
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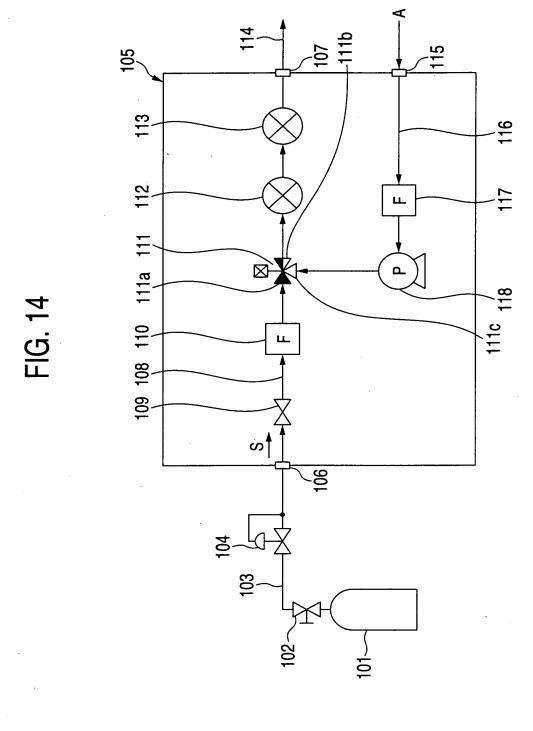
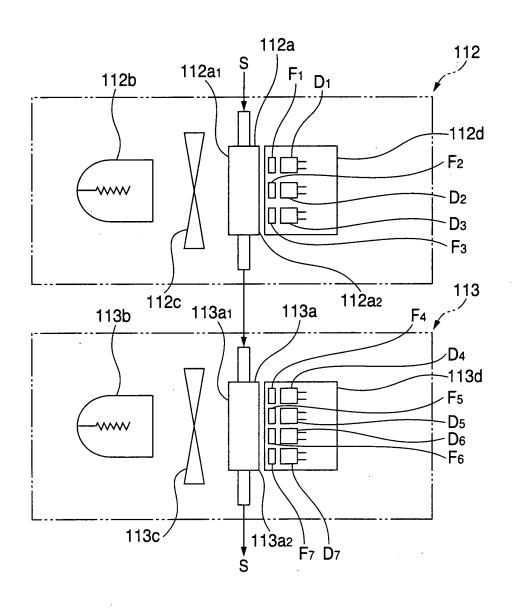




FIG. 15



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FIG. 16A

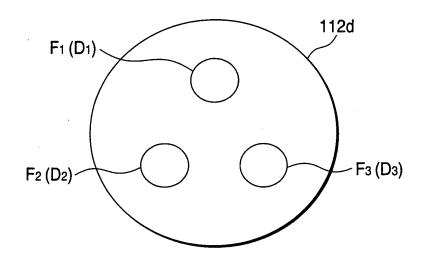
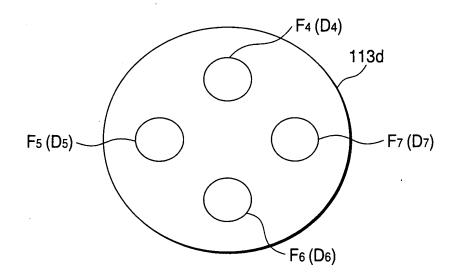


FIG. 16B



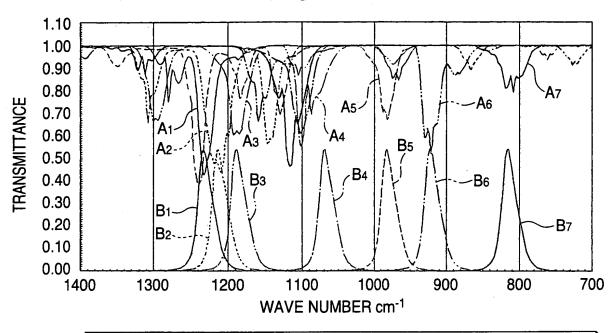


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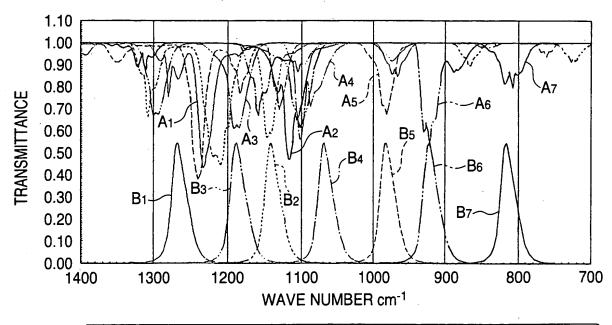
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FIG. 17



—R-143a----R-125 ----R-134a----R-32 ----R-115 -----R-12 —R-22 —BPF-1 -----BPF-2 ----BPF-3 ----BPF-5' ----BPF-6 -----BPF-7 —BPF-4'

FIG. 18





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ABSORBANCE OF R32 100% (BEFORE IMPROVEMENT)

FIG. 19A

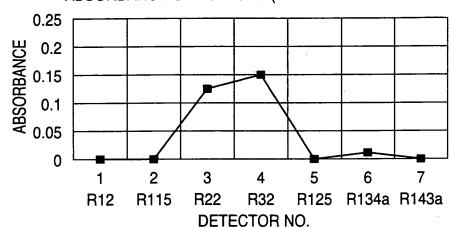
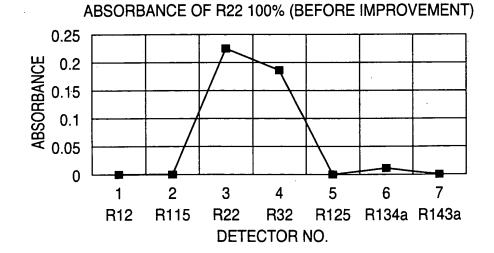


FIG. 19B



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FIG. 19C

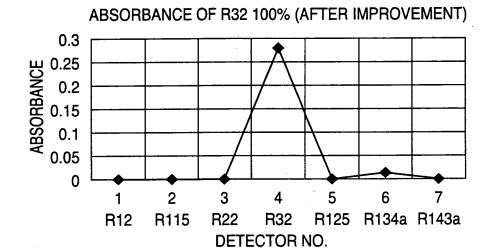
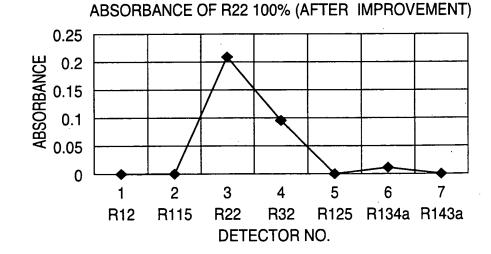


FIG. 19D





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FIG. 20

